

List of Tables

Table No.

Table 1.2 Some special kind of compound isolated from different parts of *Calotropis gigantea*.

Table 2.1 Gradient method for ACN/formic acid % for EECGL)

Table 2.2 Gradient method for ACN/ NH₄OAc %(EECGL)

Table 2.3 Presence and absence of different phytochemicals in EECGL and WECGL latex extract. +Ve-Present, -Ve-Absent.

Table 2.4 Infra-red spectroscopic analysis of EECGL

Table 2.5 Infra-red spectroscopic analysis of WECGL.

Table 2.6 Summary of NMR, LCMS and IR Spectroscopy.

Table: 3.1 Lethal concentration of EECGL and WECGL for brine shrimp bioassay.

Table: 3.2 Effect of EECGL and WECGL administration on Zebra fish embryos.

Table 3.3 Effect of water extract of *Calotropis gigantea* latex (WECGL) administration for 28 days on Body and different organ weight in Swiss albino mice.

Table 3.4 Effect of ethanolic extract of *Calotropis gigantea* latex (EECGL) administration for 28 days on body and different organ weight in Swiss albino mice.

Table 3.5 Haematological parameters after WECGL administration for 28 days in Swiss albino mice.

Table 3.6 Haematological parameters after EECGL administration for 28 days in Swiss albino mice.

Table 4.1 The IC50 values of EECGL, WECGL and ascorbic acid for *in-vitro* antioxidant activities.

Table 4.2 Effect of EECGL and WECGL on HRBC membrane stabilization method.

Table 4.3 Effect of EECGL and WECGL and indomethacin as compared to carrageenan control in carrageenan induced paw edema model.

Table 6.1 Haematological parameters after EECGL administration on DLA bearing mice.

Table 6.2 Haematological parameters after WECGL administration on DLA bearing mice.

Table 7.1 Haematological parameters after EECGL administration on EAC bearing mice.

Table 7.2 Haematological parameters after WECGL administration on EAC bearing mice.